

From: [Chris Carey](#)
To: [Jump, Christine](#)
Cc: snightin@kdheks.gov; [John Cook](#)
Subject: RE: 1,4-Dioxane
Date: Thursday, February 13, 2014 8:42:15 AM

Chris,

KDHE anticipates that the next revision of the RSK Manual will include the following Tier 2 Levels for 1,4-Dioxane:

| Pathway | Residential Scenario | Non-Residential Scenario |
|-------------------------------------|----------------------|--------------------------|
| Soil Pathway (mg/kg) | 79.6 | 247 |
| Soil to Groundwater Pathway (mg/kg) | 0.0384 | 0.129 |
| Groundwater Pathway (mg/L) | 0.00849 | 0.0285 |

The soil saturation concentration for 1,4-Dioxane is 126,000 mg/kg.

Please let us know if you have any questions.

Chris Carey, P.G.

Site Restoration Unit Chief

Remedial Section

KDHE Bureau of Environmental Remediation

Work: 785-296-0225

Cell: 785-250-4750



From: Jump, Christine [<mailto:Jump.Chris@epa.gov>]

Sent: Thursday, February 13, 2014 8:27 AM

To: Chris Carey; John Cook

Cc: Scott Nightingale

Subject: RE: 1,4-Dioxane

Since the new value is not listed on KDHE's website, can one of you send me an email with the official values so I can provide them to Clean Harbors?

Thanks.

Chris Jump, L.G.

Waste Remediation and Permitting Branch

US EPA, Region 7

jump.chris@epa.gov

(913) 551-7141

Mailing address: 11201 Renner Boulevard, Lenexa, KS 66219

From: Chris Carey [<mailto:CCarey@kdheks.gov>]

Sent: Wednesday, February 12, 2014 3:04 PM

To: Jump, Christine; John Cook

Subject: RE: 1,4-Dioxane

We will use these criteria moving forward; however, we have not identified significant 1,4-dioxane

impacts within NIC.

Chris Carey, P.G.

Site Restoration Unit Chief

Remedial Section

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From: Jump, Christine [<mailto:Jump.Chris@epa.gov>]

Sent: Wednesday, February 12, 2014 2:26 PM

To: John Cook; Chris Carey

Subject: 1,4-Dioxane

Is KDHE using the newly calculated residential soil to ground water criteria for 1,4-dioxane in the NIC site or for NIC PRPs?

Chris Jump, L.G.

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